IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application Transmittal

Commissioner for Patents P.O. Box 1450 Mail Stop Patent Application Alexandria, VA 22313-1450 Sir:

Transmitted herewith for filing is the Patent Application of:

Inventor: Chad A. Adams, et al.

REDUNDANCY CIRCUIT FOR MEMORY ARRAY AND METHOD FOR

DISABLING NON-REDUNDANT WORDLINES AND FOR ENABLING

REDUNDANT WORDLINES

ASSIGNEE NAME: INTERNATIONAL BUSINESS MACHINES CORPORATION ASSIGNEE RESIDENCE: ARMONK, NEW YORK

Enclosed are:

For:

16 Pages of Specification and 1 Abstract

09 Sheets of Drawings

A Declaration and Power of Attorney

An Information Disclosure Statement and form PTO-1449

A certified copy of Japanese Application

An assignment of the invention to International Business Machines Corporation, Armonk, New York 10504

The filing fee has been calculated as follows:

Other Than Small Entity

For:	No. F	iled	No. Extra		
Basic Fee					
Total Claims	20	-20 =	0		
Indep. Claims	2	-3 =	0		
Multiple Dependent Claim Presented					

Rate	Fee	
	\$ 750.00	
x \$18.00=	0.00	
x \$84.00=	0.00	
\$280.00	0.00	
TOTAL	\$ 750.00	

EXPRESS MAIL CERTIFICATE

Express Mail Label No.: EU163621397US June 20, 2003 Date:

I hereby certify that I am depositing the enclosed or attached paper with the U.S. Postal Service "Express Mail Post Office to Addressee" service on the above date, addressed to the Commissioner for Patents, P.O. Box 1450, Mail Stop Patent Application, Alexandria, VA 22313-1450.

Susan K. Berge

Deposit Account Authorization:

 \boxed{X} Please charge Deposit Account No. 09-0465 in the amount of \$ 750.00. A duplicate copy of this sheet is enclosed.

The Commissioner is hereby authorized to charge payment of the following fees associated $|\mathbf{x}|$ with this communication or credit any overpayment to Deposit Account 09-0465. A duplicate copy of this sheet is enclosed.

Any additional filing fees required under 37 C.F.R. §1.16.

Any patent application processing fees under 37 C.F.R. §1.17. \mathbf{x}

Respectfully submitted,

By Robert Welliams

Date: June 20, 2003

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Robert R. Williams, Patent Agent

PATENT	APPLICATION	SERIAL	NO.	

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FEE RECORD SHEET

06/24/2003 EFLORES 00000031 090465 10600064 01 FC:1001 750.00 DA

PTO-1556 (5/87)